

AMENDMENTS TO THE CLAIMS

1. (Canceled).
2. (Previously Presented) The method as recited in Claim 7 wherein said first server and said second server are transcoder devices.
3. (Previously Presented) The method as recited in Claim 7 wherein said data source is a content server.
4. (Previously Presented) The method as recited in Claim 7 wherein said data source is a content distribution network comprised of a plurality of edge servers.
5. (Previously Presented) The method as recited in Claim 7 wherein said data is streaming media data.
6. (Previously Presented) The method as recited in Claim 7 wherein said electronic device is communicatively coupled to said server by a wireless connection.
7. (Previously Presented) In a first server, a method of data session handoff, said method comprising:
 - receiving data from a data source;
 - transcoding said data according to at least one characteristic of an electronic device;

transmitting at least a portion of said data to said electronic device located in a first location;

receiving notification that said electronic device is moving toward a second location served by a second server;

transmitting a first message to said second server notifying said second server that said electronic device is moving toward said second location;

receiving a second message from said second server that said second server is prepared to communicate with said electronic device, said second server transmitting a third message to said data source notifying said data source to transmit at least a portion of said data to said second server, and said data source transmitting at least a portion of said data to said second server; and said first server stopping transmission of said data.

8. (Previously Presented) The method as recited in Claim 7 further comprising, prior to said first server stopping transmission of said data, said second server transmitting at least a portion of said data to said electronic device.

9. (Previously Presented) The method as recited in Claim 7 wherein said data is user datagram protocol data.

10. (Previously Presented) The method as recited in Claim 7 wherein said first message and said second message are transmission control protocol messages.

11. (Canceled).

12. (Previously Presented) The server as recited in Claim 17 wherein said first server and said second server are transcoder devices.

13. (Previously Presented) The server as recited in Claim 17 wherein said data source is a content server.

14. (Previously Presented) The server as recited in Claim 17 wherein said data source is a content distribution network comprised of a plurality of edge servers.

15. (Previously Presented) The server as recited in Claim 17 wherein said data is streaming media data.

16. (Previously Presented) The server as recited in Claim 17 wherein said electronic device is communicatively coupled to said server by a wireless connection.

17. (Previously Presented) A server comprising:
a bus;
a computer-readable memory coupled to said bus; and
a processor coupled to said bus, said processor for executing a method of data session handoff, said method comprising:
receiving data from a data source;
transcoding said data according to at least one characteristic of an electronic device;

transmitting at least a portion of said data to said electronic device located in a first location;

receiving notification that said electronic device is moving toward a second location served by a second server;

transmitting a first message to said second server notifying said second server that said electronic device is moving toward said second location;

receiving a second message from said second server that said second server is prepared to communicate with said electronic device, said second server transmitting a third message to said data source notifying said data source to transmit at least a portion of said data to said second server, and said data source transmitting at least a portion of said data to said second server; and

said server stopping transmission of said data.

18. (Previously Presented) The server as recited in Claim 17 wherein said method further comprises, prior to said server stopping transmission of said data, said second server transmitting at least a portion of said data to said electronic device.

19. (Previously Presented) The server as recited in Claim 17 wherein said data is user datagram protocol data.

20. (Previously Presented) The server as recited in Claim 17 wherein said first message and said second message are transmission control protocol messages.

21. (Canceled).

22. (Previously Presented) The computer-readable medium as recited in Claim 27 wherein said server and said second server are transcoder devices.

23. (Previously Presented) The computer-readable medium as recited in Claim 27 wherein said data source is a content server.

24. (Previously Presented) The computer-readable medium as recited in Claim 27 wherein said data source is a content distribution network comprised of a plurality of edge servers.

25. (Previously Presented) The computer-readable medium as recited in Claim 27 wherein said data is streaming media data.

26. (Previously Presented) The computer-readable medium as recited in Claim 27 wherein said electronic device is communicatively coupled to said server by a wireless connection.

27. (Currently Amended) A computer-readable medium having computer-readable program code embodied therein which when executed by a computer system causes the [[for causing a]] computer system to perform a method of data session handoff, wherein said computer system comprises a server, said method comprising:

receiving data from a data source;

transcoding said data according to at least one characteristic of an electronic device;

transmitting at least a portion of said data to said electronic device located in a first location;

receiving notification that said electronic device is moving toward a second location served by a second server;

transmitting a first message to said second server notifying said second server that said electronic device is moving toward said second location;

receiving a second message from said second server that said second server is prepared to communicate with said electronic device, said second server transmitting a third message to said data source notifying said data source to transmit at least a portion of said data to said second server, and said data source transmitting at least a portion of said data to said second server; and

said server stopping transmission of said data.

28. (Previously Presented) The computer-readable medium as recited in Claim 27 further comprising, prior to said server stopping transmission of said data, said second server transmitting at least a portion of said data to said electronic device.

29. (Previously Presented) The computer-readable medium as recited in Claim 27 wherein said data is user datagram protocol data.

30. (Previously Presented) The computer-readable medium as recited in Claim 27 wherein said first message and said second message are transmission control protocol messages.

31. (Canceled).

32. (Previously Presented) The method as recited in Claim 37 wherein said first server and said second server are transcoder devices.

33. (Previously Presented) The method as recited in Claim 37 wherein said data source is a content server.

34. (Previously Presented) The method as recited in Claim 37 wherein said data source is a content distribution network comprised of a plurality of edge servers.

35. (Previously Presented) The method as recited in Claim 37 wherein said data is streaming media data.

36. (Previously Presented) The method as recited in Claim 37 wherein said electronic device is communicatively coupled to said server by a wireless connection.

37. (Previously Presented) In a first server, a method of data session handoff, said method comprising:

said first server receiving a first message from a second server, said first message notifying said first server that an electronic device is moving toward a location, said second server receiving at least a portion of data from a data source, said second server transmitting at least a portion of said data to said

electronic device, said second server receiving notification that said electronic device is moving toward said location, said second server transmitting said first message to said server;

said first server transmitting a second message to said data source, said second message notifying said data source to transmit at least a portion of said data to said first server;

said first server receiving at least a portion of said data from said data source;

said first server transcoding at least a portion of said data according to at least one characteristic of said electronic device;

said first server transmitting a third message to said second server that said server is prepared to communicate with said electronic device; and

said first server transmitting at least a portion of said data to said electronic device.

38. (Previously Presented) The method as recited in Claim 37 further comprising, prior to said transmitting at least a portion of said data:

said second server receiving said third message from said first server; and

said second server stopping transmission of said data to said electronic device.

39. (Previously Presented) The method as recited in Claim 37 wherein said data is user datagram protocol data.

40. (Previously Presented) The method as recited in Claim 37 wherein said first message and said second message are transmission control protocol messages.

41. (Canceled).

42. (Previously Presented) The server as recited in Claim 47 wherein said server and said second server are transcoder devices.

43. (Previously Presented) The server as recited in Claim 47 wherein said data source is a content server.

44. (Previously Presented) The server as recited in Claim 47 wherein said data source is a content distribution network comprised of a plurality of edge servers.

45. (Previously Presented) The server as recited in Claim 47 wherein said data is streaming media data.

46. (Previously Presented) The server as recited in Claim 47 wherein said electronic device is communicatively coupled to said server by a wireless connection.

47. (Previously Presented) A server comprising:
a bus;
a computer-readable memory coupled to said bus; and

a processor coupled to said bus, said processor for executing a method of data session handoff, said method comprising:

receiving a first message from a second server notifying said server that an electronic device is moving toward a location served by said server, said second server receiving at least a portion of data from a data source, said second server transmitting at least a portion of said data to said electronic device, said second server receiving notification that said electronic device is moving toward said location, and said second server transmitting said first message to said server;

transmitting a second message to a data source for transmitting data, said second message notifying said data source to transmit at least a portion of said data to said server;

receiving at least a portion of said data from said data source;

transcoding at least a portion of said data according to at least one characteristic of said electronic device;

transmitting a third message to said second server that said server is prepared to communicate with said electronic device; and

transmitting at least a portion of said data to said electronic device.

48. (Previously Presented) The server as recited in Claim 47 wherein said method further comprises, prior to said transmitting at least a portion of said data:

said second server receiving said third message from said server; and
said second server stopping transmission of said data to said electronic device.

49. (Previously Presented) The server as recited in Claim 47 wherein said data is user datagram protocol data.

50. (Previously Presented) The server as recited in Claim 47 wherein said first message and said second message are transmission control protocol messages.

51. (Canceled).

52. (Previously Presented) The computer-readable medium as recited in Claim 57 wherein said server and said second server are transcoder devices.

53. (Previously Presented) The computer-readable medium as recited in Claim 57 wherein said data source is a content server.

54. (Previously Presented) The computer-readable medium as recited in Claim 57 wherein said data source is a content distribution network comprised of a plurality of edge servers.

55. (Previously Presented) The computer-readable medium as recited in Claim 57 wherein said data is streaming media data.

56. (Previously Presented) The computer-readable medium as recited in Claim 57 wherein said electronic device is communicatively coupled to said server by a wireless connection.

57. (Currently Amended) A computer-readable medium having computer-readable program code embodied therein which when executed by a computer system causes the [[for causing a]] computer system to perform a method of data session handoff, wherein said computer system comprises a server, said method comprising:

receiving a first message from a second server notifying said server that an electronic device is moving toward a location served by said server, said second server receiving at least a portion of data from a data source, said second server transmitting at least a portion of said data to said electronic device, said second server receiving notification that said electronic device is moving toward said location, and said second server transmitting said first message to said server;

transmitting a second message to a data source for transmitting data, said second message notifying said data source to transmit at least a portion of said data to said server;

receiving at least a portion of said data from said data source;

transcoding at least a portion of said data according to at least one characteristic of said electronic device;

transmitting a third message to said second server that said server is prepared to communicate with said electronic device; and

transmitting at least a portion of said data to said electronic device.

58. (Previously Presented) The computer-readable medium as recited in Claim 57 further comprising, prior to said transmitting at least a portion of said data:

said second server receiving said third message from said server; and

said second server stopping transmission of said data to said electronic device.

59. (Previously Presented) The computer-readable medium as recited in Claim 57 wherein said data is user datagram protocol data.

60. (Previously Presented) The computer-readable medium as recited in Claim 57 wherein said first message and said second message are transmission control protocol messages.

61. (Previously Presented) A system of hand-off of a data session comprising:

- a first server for transcoding at least a portion of data received from a data source according to at least one characteristic of an electronic device and configured to transmit at least a portion of said data to said electronic device located in a first location; and

- a second server for transcoding at least a portion of said data received from said data source according to at least one characteristic of said electronic device and configured to transmit at least a portion of said data to said electronic device when said electronic device is located in a second location;

wherein said first server notifies said second server when said electronic device is moving toward said second location, wherein said second server transmits a message notifying said data source to transmit at least a portion of said data to said second server and wherein said data source transmits at least a portion of said data to said second server.

62. (Previously Presented) The system as recited in Claim 61 wherein said first server and said second server are transcoder devices.

63. (Original) The system as recited in Claim 61 wherein said data source is a content server.

64. (Original) The system as recited in Claim 61 wherein said data source is a content distribution network comprised of a plurality of edge servers.

65. (Original) The system as recited in Claim 61 wherein said plurality of data portions is streaming media data.

66. (Original) The system as recited in Claim 61 wherein said electronic device is communicatively coupled to said first server and said second server by a wireless connection.